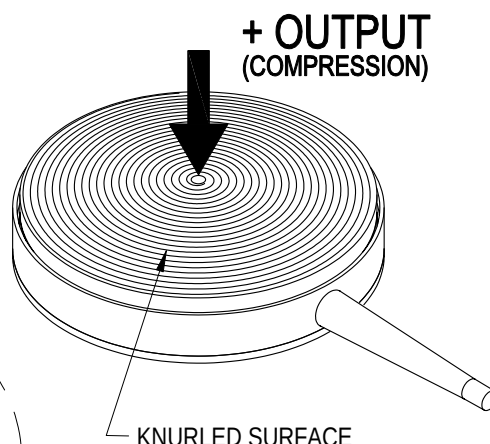
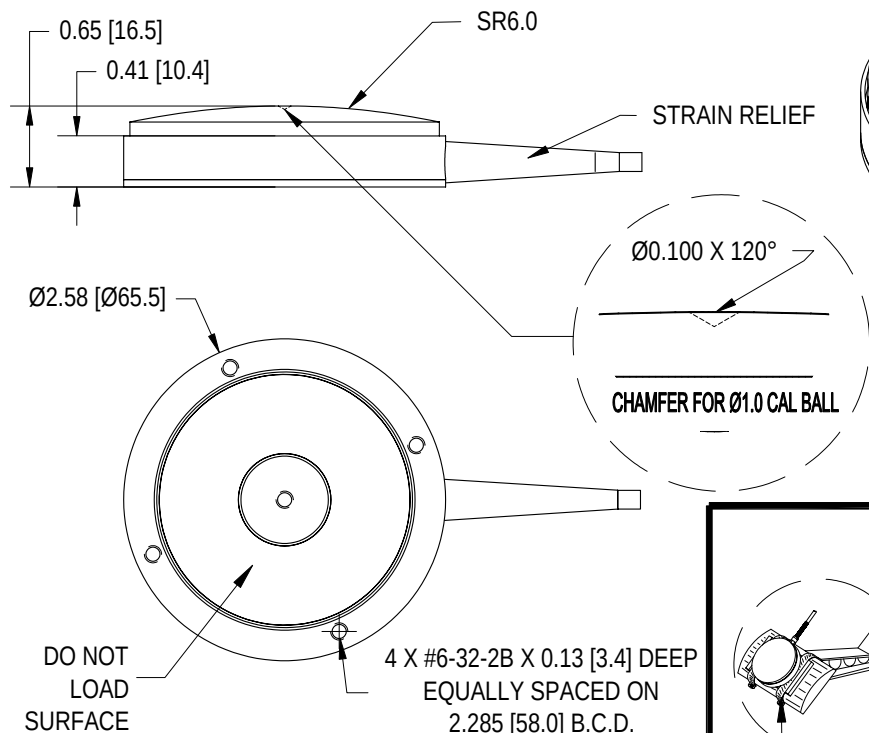


FUTEK MODEL LAU220 (L1055) SPIKE RESISTANT PEDAL FORCE SENSOR WITH IMPROVED OFF CENTER LOADING

Drawing Number: FI1048-A

INCH [mm] R.O.= Rated Output

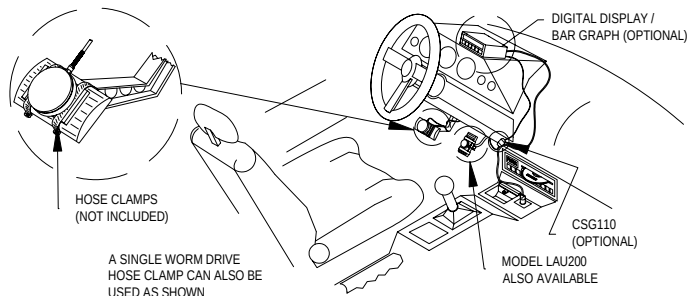
WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE



MODEL LAU220 INCLUDES
(ONE OF EACH)
TOTAL WEIGHT 2 lb [0.9 Kg]

MOUNTING PLATE
STK# MCP00218 ,
STK# MCP01098
100 KOHM SHUNT CAL.
CARRYING CASE

TYPICAL APPLICATION



MOUNTING PLATES (Aluminum, Clear Anodized)

SPECIFICATIONS:

CAPACITIES		
STK #	lb	N
FSH02298	300	1334
FSH02297	500	2224

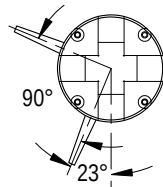
RATED OUTPUT	2-3 mV/V nom.
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	*±3% of R.O.
EXCITATION (VDC OR VAC)	20 MAX
BRIDGE RESISTANCE	700 Ω nom.
OFF CENTER LOADING	±1% OR BETTER @ 0.625 FROM CENTER
NONLINEARITY	±0.25% of R.O.
HYSTERESIS	±0.25% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.003% of R.O./°F [0.018% of R.O./°C]
TEMP. SHIFT SPAN	±0.01% of LOAD/°F [0.018% of LOAD/°C]
COMPENSATED TEMP.	60 to 160°F [15 to 72°C]
OPERATING TEMP.	-60 to 200°F [-50 to 93°C]
WEIGHT	16 oz [454 g]
MATERIAL	17-4PH S.S.
DEFLECTION	0.006 [0.15] nom.

CABLE: #24 AWG, 4 Conductor, Braided Shielded PVC Cable 10 ft [3 m]
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD) 5 pt. COMPRESSION; 100K Ω SHUNT CAL VALUE
CALIBRATION TEST EXCITATION 10 VDC

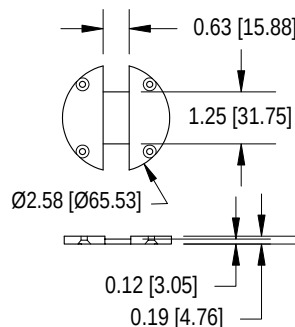
*DUE TO WELDED CONSTRUCTION ZERO BALANCE MAY BE DONE AT CABLE END

ROUND PLATE

STK# MCP01098

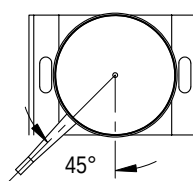


SENSOR CAN BE ROTATED AT 90° INCREMENTS

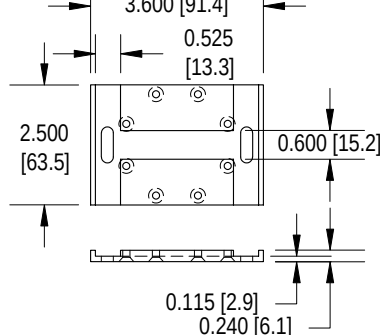


RECTANGULAR PLATE

STK# MCP00218



SENSOR CAN BE ROTATED AT 45° INCREMENTS



FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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